

Staff Workshop Agenda

Fuel Cells in California: Opportunities and Barriers

California Energy Commission, Hearing Room A

1516 Ninth St, Sacramento, CA 95814

Wednesday, May 31, 2006

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| 8:00-9:00 am | Sign in |
| 9:00-9:10 | Workshop Opening: Dr. Robert Glass, Interjurisdictional Exchange, California Energy Commission |
| 9:10-9:30 | Welcome and PIER Overview: Dr. Martha Krebs, Division Director, Energy Research and Development Division, California Energy Commission |

Plenary Session

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| 9:30-10:00 | Overview of the U.S. DOE Fuel Cell Program: Dr. Nancy Garland, Technology Development Manager, U. S. DOE Office of Hydrogen, Fuel Cells, and Infrastructure Technologies |
| 10:00-10:30 | Building Fuel Cell Companies - Challenges and Opportunities: Ms. Marianne Wu, Director of Technology, Mohr Davidow Ventures |
| 10:30-11:00 | Fuel Cell Use - A Utilities Perspective: Ms. Stephanie Hamilton, Manager, Distributed Energy Resources, Southern California Edison |
| 11:00-11:20 | Break |

Session 1: Transportation Fuel Cells

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| 11:20-11:25 | Introduction: Dr. Robert Glass |
| 11:25-11:50 | Current Status of Proton Exchange Membrane (PEM) Fuel Cell Technology - Technical Challenges and Path Forward: Dr. Charles Stone, Vice President for Research and Development, Ballard Power Systems, Inc. |
| 11:50-12:15 pm | Marketing and Commercialization Challenges for PEM Fuel Cells: Mr. Kevin Harris, Sales Manager, North America, Hydrogenics Corporation |
| 12:15-1:15 | Lunch (On your own) |
| 1:15-1:40 | National and International Fuel Cell Bus Programs: Mr. Ken Koyama, Supervisor, Energy Generation Research Office, California Energy Commission |
| 1:40-2:10 | Panel Discussion. Questions from the audience |

Session 2: Stationary Fuel Cells

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| 2:10-2:15 | Introduction: Dr. Robert Remick |
| 2:15-2:40 | Phosphoric Acid Fuel Cells - History and Commercialization Success: Dr. Mike Binder, President, Mike Binder and Associates |
| 2:40-3:05 | Molten Carbonate Fuel Cells: Dr. Robert Remick, Director, Colorado Fuel Cell Center |
| 3:05-3:25 | Break |
| 3:25-3:50 | Solid Oxide Fuel Cells - Technical and Manufacturing Challenges: Mr. Gary Simon, President, Acumentrics Corporation |
| 3:50-4:20 | Panel Discussion. Questions from the audience |
| 4:20-4:30 | Closing Note |